

**PATENT
5659-03500
TH1960**

**CERTIFICATE OF EXPRESS MAIL
UNDER 37 C.F.R. §1.10**

"Express Mail" mailing label number: EL822013895US
DATE OF DEPOSIT: April 24, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:

Commissioner for Patents
Box Patent Application
Washington, DC 20231

Brit Baker

**IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION
TO PRODUCE A SELECTED MIXTURE**

By:

Scott L. Wellington

Harold J. Vinegar

Eric P. de Rouffignac

Etuan Zhang

Gordon T. Shahin, Jr.

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IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION
TO PRODUCE A SELECTED MIXTURE

By:

Scott L. Wellington
~~Harold J. Vinegar~~
~~Scott L. Wellington~~
~~Eric P. de Rouffignac~~
~~John M. Karanikas~~
~~Ilya E. Berchenko~~
~~George L. Stegemeier~~
~~Kevin A. Maher~~
~~Etuan Zhang~~
~~Gordon T. Shahin, Jr.~~
~~James L. Menotti~~
~~John M. Coles~~
~~Thomas D. Fowler~~
~~Charlie R. Keedy~~
~~Ajay M. Madgavkar~~
~~Martijn van Hardeveld~~
~~Robert C. Ryan~~
~~Lanny Schoeling~~
~~Fred G. Carl~~



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PATENT
TH1960

#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Wellington, et al.

Serial No.: 09/841,240

Filed: April 24, 2001

For: IN SITU THERMAL PROCESSING
OF A HYDROCARBON
CONTAINING FORMATION
TO PRODUCE A SELECTED
MIXTURE

§ Examiner: Unknown
§
§ Group Art Unit: 1764
§
§ Atty. Docket. No.: 5659-03500/EBM
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§

CERTIFICATE OF MAILING
37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Attn: BOX MISSING PARTS, Washington, D.C. 20231, on the date indicated below.

9-25-01
Date

Elda Gonzalez
Elda Gonzalez

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION -
FILING DATE GRANTED, MAILED JUNE 25, 2001**

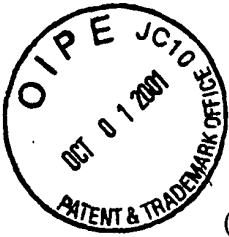
ATTN: Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant encloses the following in response to the Notice to File Missing Parts of

Application - Filing Date Granted:

- (1) Copy of Form PTO-1533, Notice to File Missing Parts - Filing Date Granted (1 page);
- (2) Originally executed Declaration (3 pages); 10/03/2001 MICHAEL 00000047 501503 05341240
01 FC:115 119.00 C1
- (3) Preliminary Amendment (51 pages);
- (4) Marked Up Version of Amendments (42 pages);
- (5) Marked Up Version of Amendments to Claim (1 page)
- (6) Clean Version of Title Page (1 page);
- (7) Marked Up Version of Title Page (1 page);



Wellington, et al.
09/841,240

- (8) Fee Authorization in the amount of \$1,202.00 to cover the filing fee for a small entity as follows (2 pages):

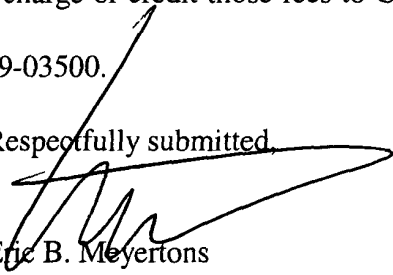
\$ 710.00 -- basic filing fee;
\$ 252.00 -- surcharge for excess claims;
\$ 130.00 -- surcharge for late filing of declaration and fee;
\$ 110.00 -- one month extension of time fee; and

- (9) A return postcard.

Applicant respectfully requests a one-month extension of time to respond to the formalities letter mailed June 25, 2001. A fee authorization that includes \$110.00 for the one-month extension of time fee is enclosed.

If any further extension of time is required, Applicant hereby respectfully requests the appropriate extension of time. If any fees are inadvertently omitted or if any additional fees are required or have been overpaid, please appropriately charge or credit those fees to Conley, Rose & Tayon P.C. Deposit Account Number 50-1505/5659-03500.

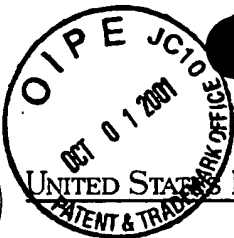
Respectfully submitted,


Eric B. Meyertons
Reg. No. 34,876

Attorney for Applicant

CONLEY, ROSE & TAYON, P.C.
P.O. BOX 398
AUSTIN, TX 78767-0398
(512) 476-1400 (voice)
(512) 703-1250 (facsimile)

Date: 9/25/01



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/841,240	04/24/2001	Harold J. Vinegar	5659-03500 TH1960

CONFIRMATION NO. 4723

FORMALITIES LETTER



OC000000006220853

DEL CHRISTENSEN
SHELL OIL COMPANY
P.O. BOX 2463
HOUSTON, TX 77252-2463

Date Mailed: 06/25/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$110270.
 - \$96750 for 5375 total claims over 20.
 - \$13520 for 169 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 111110.**

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

09041240

501505

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740.00 CH

252.00 CH

130.00 CH



#3

PATENT
TH1960

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/841,240
Filed: April 24, 2001
Inventor(s):
Wellington, et al

§ Examiner: Unknown
§ Group/Art Unit: 1764
§ Atty. Dkt. No: 5659-03500
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Title: IN SITU THERMAL
PROCESSING OF A
HYDROCARBON
CONTAINING
FORMATION TO
PRODUCE A SELECTED
MIXTURE

<p>CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8</p> <p>DATE OF DEPOSIT: 9-25-01</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to: Commissioner for Patents Washington, DC 20231</p> <p><i>Elda Gonzalez</i> Elda Gonzalez</p>

FEE AUTHORIZATION

Commissioner for Patents
Washington, D.C. 20231

The Commissioner is hereby authorized to charge the following fees to Shell Oil Co.
Deposit Account Number 19-1800:

- \$ 710.00 – Basic Filing Fees;
- \$ 252.00 – Excess Claims Fees;
- \$ 130.00 – Surcharge for late filing of declaration and fee;
- \$ 110.00 – one month extension of time fee;

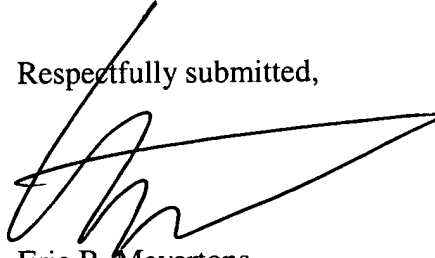
Total Amount: \$1,202.00

Attorney Docket No.: 5659-03500

Wellington, et al.
09/841,240

The Commissioner is also authorized to charge any extension fee or other fees which may be necessary to the same account number. If the above mentioned account is found to have insufficient funds, the Commissioner is authorized to charge Conley Rose & Tayon P.C. Deposit Account Number 50-1505/5659-03500/EBM.

Respectfully submitted,



Eric B. Meyertons
Reg. No. 34,876

Attorney for Applicant

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Date: 9/25/01